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d his

     (FILE 'HOME' ENTERED AT 13:33:14 ON 10 APR 2003)

     FILE 'REGISTRY' ENTERED AT 13:33:50 ON 10 APR 2003
L1             1 S ABS/CN
L2          6030 S HYDROXYETHYL METHACRYLATE
L3          5905 S L2 AND POLY
L4             1 S 103-11-7
L5             1 S  868-77-9
L6            69 S POLY (2A) HYDROXYETHYL (2A) METHACRYLATE
L7             1 S 25249-16-5
L8             1 S SILVER ZEOLITE
L9             1 S SILVER AND ZEOLITE
L10            1 S SODIUM NITRATE/CN

     FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS,
     BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN,
     CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL,
     DRUGU, DRUGUPDATES, EMBAL, ESBIOBASE, ...' ENTERED AT 13:42:49 ON 10 APR
     2003

     FILE 'REGISTRY' ENTERED AT 13:43:42 ON 10 APR 2003

     FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS,
     BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN,
     CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL,
     DRUGU, DRUGUPDATES, EMBAL, ESBIOBASE, ...' ENTERED AT 13:43:43 ON 10 APR
     2003
L11            0 S L1 AND L7 AND (L8 OR (SILVER AND ZEOLIT?)) AND (L10 OR SODIUM
L12           59 S (L1 OR POLYMER?) AND (L7 OR POLYMER?) AND (L8 OR (SILVER AND
L13           56 DUP REM L12 (3 DUPLICATES REMOVED)
L14          535 S ZEOLIT? (L) SILVER (L) ENCAPSUL?
L15          513 DUP REM L14 (22 DUPLICATES REMOVED)
L16          351 S L15 AND ((DISCOLOUR? OR DISCOLOR?) (5A) INHIBIT? OR DOPANT O
L17          141 S L16 AND (HYDROPHILIC AND HYDROPHOBIC)
L18            0 S ENCAPSULATED INORGANIC ANTIMICROBIAL ADDITIVE
L19         1776 S ENCAPSUL? AND INORGANIC AND (ANTIMICROB? OR ANTI MICROB?) AND
L20            0 S (ENCAPSUL? AND INORGANIC AND (ANTIMICROB? OR ANTI MICROB?) AN
L21            5 S TROGOLO/IN
L22          210 S L16 NOT L17
L23          162 S L15 NOT (L16 OR L12)

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     (FILE 'HOME' ENTERED AT 13:33:14 ON 10 APR 2003)

     FILE 'REGISTRY' ENTERED AT 13:33:50 ON 10 APR 2003
L1             1 SEA ABS/CN
                 D
                 D FCN
L2          6030 SEA HYDROXYETHYL METHACRYLATE
                 D 6030
L3          5905 SEA L2 AND POLY
                 D 5905
L4             1 SEA 103-11-7
                 D
L5             1 SEA 868-77-9
                 D
L6            69 SEA POLY (2A) HYDROXYETHYL (2A) METHACRYLATE
                 D 1-69
L7             1 SEA 25249-16-5
                 D
L8             1 SEA SILVER ZEOLITE
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                D
L9              1 SEA SILVER AND ZEOLITE
                D
L10             1 SEA SODIUM NITRATE/CN

      FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS,
      BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN,
      CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL,
      DRUGU, DRUGUPDATES, EMBAL, ESBIOBASE, ...' ENTERED AT 13:42:49 ON 10 APR
      2003

      FILE 'REGISTRY' ENTERED AT 13:43:42 ON 10 APR 2003
                D L4

      FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS,
      BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN,
      CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL,
      DRUGU, DRUGUPDATES, EMBAL, ESBIOBASE, ...' ENTERED AT 13:43:43 ON 10 APR
      2003
L11             0 SEA L1 AND L7 AND (L8 OR (SILVER AND ZEOLIT?)) AND (L10 OR
                  SODIUM NITRATE) AND (AMMONIUM AND (SALT OR SALTS))
L12            59 SEA (L1 OR POLYMER?) AND (L7 OR POLYMER?) AND (L8 OR (SILVER
                  AND ZEOLIT?)) AND (L10 OR SODIUM NITRATE) AND (AMMONIUM AND
                  (SALT OR SALTS))
L13            56 DUP REM L12 (3 DUPLICATES REMOVED)
                  D 1-56
                  D 56 IALL\
                  D 35 KWIC
                  D 35
                  D 32 KWIC
                  D 20 KWIC
L14           535 SEA ZEOLIT? (L) SILVER (L) ENCAPSUL?
L15           513 DUP REM L14 (22 DUPLICATES REMOVED)
L16           351 SEA L15 AND ((DISCOLOUR? OR DISCOLOR?) (5A) INHIBIT? OR DOPANT
                  OR SODIUM NITRATE OR AMMONIUM)
L17           141 SEA L16 AND (HYDROPHILIC AND HYDROPHOBIC)
                  D 1-141
                  D 141 IALL
                  D 141 KWIC
                  D 124 KWIC
                  D 120 KWIC
                  D 113 KWIC
                  D 112 KWIC
                  D 51 IALL
                  D 38 KIWC
                  D 38 IALL
                  D 1-38
L18             0 SEA ENCAPSULATED INORGANIC ANTIMICROBIAL ADDITIVE
L19          1776 SEA ENCAPSUL? AND INORGANIC AND (ANTIMICROB? OR ANTI MICROB?)
                  AND CONTROL? AND RELEASE
L20             0 SEA (ENCAPSUL? AND INORGANIC AND (ANTIMICROB? OR ANTI MICROB?)
                  AND CONTROL? AND RELEASE)/TI
L21             5 SEA TROGOLO/IN
                  D 1-5
                  D IALL
L22           210 SEA L16 NOT L17
                  D 1-
                  D 205 KWIC
                  D 87 IALL
                  D 86 IALL
                  D 85
                  D 86
                  D 85 IALL
                  D 81 KWIC
```

L3 ANSWER 99 OF 227 TOXCENTER COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1992:151624 TOXCENTER
COPYRIGHT: Copyright 2003 ACS
DOCUMENT NUMBER: CA11707064827S
TITLE: Polyurethane-coated inorganic microbicides containing **silver** and/or copper, for **polymer** compositions.
AUTHOR(S): Hishida, Iwao; Yamada, Zenichi; Oota, Koichi; Takeuchi, Satoshi; Toi, Yoshio; Minowa, Susumu
CORPORATE SOURCE: ASSIGNEE: Towa Kagaku K. K.
PATENT INFORMATION: JP 9266512 A2 2 Mar 1992
SOURCE: (1992) Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF.
COUNTRY: JAPAN
DOCUMENT TYPE: Patent
FILE SEGMENT: CAPLUS
OTHER SOURCE: CAPLUS 1992:464827
LANGUAGE: Japanese
ENTRY DATE: Entered STN: 20011116
Last Updated on STN: 20021001

ABSTRACT:
Inorg. bactericidal and fungicidal particles, which elute Ag and/or Cu ions, are coated with polyurethane. The microbicides show good dispersibility in ***polymers*** and are heat- and light-resistant. An ammine-Ag complex-contg. Na-type A **zeolite** (2.0 wt.% Ag) was **coated** with 1.5 wt.% Coronate 2507 (hexamethylene diisocyanate)-Nippollan 1100 (polyol) copolymer to give a microbicide. Polypropylene contg. 1 wt.% of the microbicide controlled Escherichia coli and Staphylococcus, in vitro.

CLASSIFICATION CODE: 5-2
SUPPLEMENTARY TERMS: Miscellaneous Descriptors
polyurethane coating **silver** copper bactericide; fungicide **silver** copper zeolite polyurethane
REGISTRY NUMBER: 7440-22-4Q (**Silver**, ammine complex)
7440-50-8 (Copper)
9003-07-0 (Polypropylene)
REGISTRY NUMBER: 7664-41-7; 142518-53-4

L3 ANSWER 73 OF 227 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1992:464827 CAPLUS
DOCUMENT NUMBER: 117:64827
TITLE: Polyurethane-coated inorganic microbicides containing **silver** and/or copper, for **polymer** compositions.
INVENTOR(S): Hishida, Iwao; Yamada, Zenichi; Oota, Koichi; Takeuchi, Satoshi; Toi, Yoshio; Minowa, Susumu
PATENT ASSIGNEE(S): Shinto Kogyo K. K., Japan; Towa Kagaku K. K.
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
INT. PATENT CLASSIF.:
MAIN: A01N061-00
SECONDARY: A01N025-28; A01N059-16; A01N059-20; C01B033-34; C08K009-04
CLASSIFICATION: 5-2 (Agrochemical Bioregulators)
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04066512	A2	19920302	JP 1990-172863	19900629

PRIORITY APPLN. INFO.: JP 1990-172863 19900629
ABSTRACT:
Inorg. bactericidal and fungicidal particles, which elute Ag and/or Cu ions, are coated with polyurethane. The microbicides show good dispersibility in ***polymers*** and are heat- and light-resistant. An ammine-Ag complex-contg. Na-type A **zeolite** (2.0 wt.% Ag) was **coated** with 1.5 wt.% Coronate 2507 (hexamethylene diisocyanate)-Nippollan 1100 (polyol) copolymer to give a microbicide. Polypropylene contg. 1 wt.% of the microbicide controlled Escherichia coli and Staphylococcus, in vitro.

SUPPL. TERM: polyurethane coating **silver** copper bactericide; fungicide **silver** copper zeolite polyurethane
INDEX TERM: Urethane **polymers**, uses
ROLE: USES (Uses)
(inorg. copper and **silver** bactericides and fungicides coated with)
INDEX TERM: Bactericides, Disinfectants, and Antiseptics
Fungicides and Fungistats
(**silver** and copper, polyurethane-coated inorg. materials contg.)
INDEX TERM: Zeolites, uses
ROLE: USES (Uses)
(Cu, bactericide and fungicide, polyurethane-coated)
INDEX TERM: Ammines
ROLE: SPN (Synthetic preparation); PREP (Preparation)
(**silver**, prepn. of, polyurethane-**coated** bactericidal and fungicidal **zeolites** contg.)
INDEX TERM: 7664-41-7P
ROLE: SPN (Synthetic preparation); PREP (Preparation)
(ammines, **silver**, prepn. of, polyurethane-**coated** bactericidal and fungicidal **zeolites** contg.)
INDEX TERM: 7440-22-4D, **Silver**, ammine complex
ROLE: BIOL (Biological study)
(polyurethane-**coated** bactericidal and fungicidal **zeolites** contg.)
INDEX TERM: 7440-50-8, Copper, biological studies
ROLE: BIOL (Biological study)
(polyurethane-coated inorg. bactericides and fungicides

contg.)

INDEX TERM: 9003-07-0, Polypropylene
ROLE: BIOL (Biological study)
(polyurethane-coated **silver**-contg. inorg. bactericides and fungicides in)

INDEX TERM: 142518-53-4P
ROLE: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, bactericidal and fungicidal ammine-**silver** complex-contg. **zeolites** **coated** with)

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L3 ANSWER 89 OF 227 IFIPAT COPYRIGHT 2003 IFI

AN 10124480 IFIPAT;IFIUDB;IFICDB

TITLE: BI-LAMINAR, HYALURONAN COATINGS WITH **SILVER** -BASED ANTI-MICROBIAL PROPERTIES; ANTIBIOTIC CERAMIC COMPONENT (**SILVER** ION EXCHANGED ZEOLITE) IS DISPERSED IN BILAMINAR LAYER COMPRISING BIOCOMPATIBLE BASE COAT AND/OR TOP-COAT (MUCOPOLYSACCHARIDE SUCH AS HYALURONAN); DRUG DELIVERY

INVENTOR(S): Hyman; Mark, Woburn, MA, US
Johnston; James B., Ambler, PA, US
Pastecki; Elizabeth A., Malden, MA, US
Pervin; Elizabeth, Philadelphia, PA, US
Stahl; Amy, New Milford, CT, US
Trogolo; Jeffrey A., Boston, MA, US

PATENT ASSIGNEE(S): Biocoat Incorporated

AGENT: WILLIAM H. EILBERG ATTORNEY AT LAW, 420 OLD YORK ROAD, JENKINTOWN, PA, 19046, US

	NUMBER	PK	DATE
PATENT INFORMATION:	US 2002068093	A1	20020606
APPLICATION INFORMATION:	US 2001-940849		20010829

	NUMBER	DATE
PRIORITY APPLN. INFO.:	US 2000-229149P	20000830 (Provisional)
FAMILY INFORMATION:	US 2002068093	20020606

DOCUMENT TYPE: Utility
Patent Application - First Publication

FILE SEGMENT: CHEMICAL
APPLICATION

ABSTRACT:

An article including a surface having a coating thereon, in which the coating includes a base coat, firmly adhered to the surface, and a hydrophilic, biocompatible top-coat. An antibiotic ceramic component is dispersed in one or both of the base coat and top-coat. Preferably, the ceramic component is dispersed in the base coat. In a preferred embodiment, the ceramic component is a zeolite with **silver** ions exchanged onto internal acidic sites of the **zeolite**, and the top-**coat** includes a polysaccharide, such as hyaluronan. The zeolite is highly effective in imparting anti-microbial character to the coating.

NUMBER OF CLAIMS: 41

EXEMPLARY CLAIM(S):

1. An article including a surface having a coating thereon, said coating comprising: (a) a polysaccharide component; and (b) an antibiotic ceramic component dispersed within the polysaccharide component.

NON-EXEMPLARY CLAIM(S):

2. The article of claim 1 wherein the antibiotic ceramic component comprises a zeolite material.
3. The article of claim 2 wherein the zeolite material comprises **silver** ions ion-exchanged thereon.
4. The article of claim 1, wherein the polysaccharide component comprises hyaluronan.
5. The article of claim 1, comprising a **polymeric** tubing.
6. The article of claim 1, comprising a **polymeric** catheter tubing.

7. The article of claim 1, comprising a tubing made from a material selected from the group consisting of ethyl vinyl acetate and polyurethane.
8. The article of claim 1, comprising a **polymeric** material providing said surface.
9. The article of claim 1, wherein the surface is formed of a material selected from the group consisting of ethyl vinyl acetate and polyurethane.
10. An article including a surface having a coating thereon, said coating comprising: (a) a base coat adhered to said surface, and (b) a hydrophilic, biocompatible top-coat which is chemically grafted to said base coat, wherein the base coat includes an antibiotic ceramic component dispersed within the base coat.
11. The article of claim 10, wherein the top-coat includes a polysaccharide component.
12. The article of claim 10, wherein the antibiotic ceramic component comprises a zeolite material.
13. The article of claim 12 wherein the zeolite material comprises ***silver*** ions ion-exchanged thereon.
14. The article of claim 11, wherein the polysaccharide component comprises hyaluronan.
15. The article of claim 10, comprising a **polymeric** tubing.
16. The article of claim 10, comprising a **polymeric** catheter tubing.
17. The article of claim 10, comprising a tubing made of a material selected from the group consisting of ethyl vinyl acetate and polyurethane.
18. The article of claim 10, comprising a **polymeric** material providing said surface.
19. The article of claim 10, wherein the surface is formed of a material selected from the group consisting of ethyl vinyl acetate and polyurethane.
20. A method for providing an object with antibiotic properties for introduction of the object into an animal, said method comprising: coating the object on a surface portion thereof with a coating comprising: (i) a polysaccharide component; and (ii) an antibiotic ceramic component dispersed within the polysaccharide component.
21. The method of claim 20, wherein the antibiotic ceramic component comprises a zeolite component.
22. The method of claim 20, wherein the zeolite component comprises ***silver*** ions ion-exchanged thereon.
23. The method of claim 20, wherein the polysaccharide component comprises hyaluronan.
24. The method of claim 20, wherein the object comprises **polymeric** tubing.
25. The method of claim 20, wherein the object comprises **polymeric** catheter tubing.
26. The method of claim 20, wherein the object comprises a tubing made of a material selected from the group consisting of ethyl vinyl acetate and polyurethane.
27. The method of claim 20, wherein the object comprises a **polymeric** material.
28. The method of claim 20, wherein the object comprises a material selected from the group consisting of ethyl vinyl acetate and polyurethane.
29. An article comprising a hyaluronan **coating** containing a ***silver*** ion exchanged **zeolite**.
30. An article comprising a substrate, a base coat, and a top-coat containing hyaluronan, wherein the base **coat** contains a **silver** ion exchanged **zeolite**.
31. A method for providing an object with antibiotic properties for introduction of the object into an animal, said method comprising: coating the object on a surface portion thereof with a coating comprising: (i) a base coat which adheres firmly to said surface portion, and polysaccharide component; and (ii) a hydrophilic, biocompatible top-coat, the top-coat being chemically grafted to said base coat, the method further comprising dispersing an antibiotic ceramic component within said base coat.
32. The method of claim 31, wherein the antibiotic ceramic component comprises a zeolite component.
33. The method of claim 31, wherein the zeolite component comprises

silver ions ion-exchanged thereon.
34. The method of claim 31, wherein the polysaccharide component comprises hyaluronan.
35. The method of claim 31, wherein the object comprises **polymeric** tubing.
36. The method of claim 31, wherein the object comprises **polymeric** catheter tubing.
37. The method of claim 31, wherein the object comprises a tubing made of a material selected from the group consisting of ethyl vinyl acetate and polyurethane.
38. The method of claim 31, wherein the object comprises a **polymeric** material.
39. The method of claim 31, wherein the object comprises a material selected from the group consisting of ethyl vinyl acetate and polyurethane.
40. An article having a coating which includes a polysaccharide and a ***silver*** ion exchanged zeolite.
41. An article having a coating which includes hyaluronan and a **silver** ion exchanged zeolite.
U.S. PATENT CLASSIF.:

MAIN:	424618000
SECONDARY:	514054000; 604265000

INT. PATENT CLASSIF.:

	[07]
MAIN:	A61M025-00
SECONDARY:	A61K031-728; A61K033-38; A61M005-32

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                D 65 KWIC
                D 39 KWIC
                D 1-38
L23         162 SEA L15 NOT (L16 OR L12)
                D 1-
                D 158 IALL
                D 131 IALL
                D 118 KWIC
                D 108 KWIC
                D 77 KWIC
                D 77 IALL
                D 1-76
                D 45 IALL
                D 44 IALL
                D 42 IALL
                D 41 IALL
```
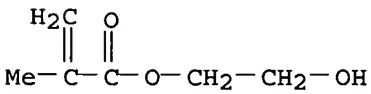

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN **25249-16-5** REGISTRY
CN 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, homopolymer (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethylene glycol, monomethacrylate, polymers (8CI)
CN Methacrylic acid, 2-hydroxyethyl ester, polymers (8CI)
OTHER NAMES:
CN 2-Hydroxyethyl methacrylate copolymer
CN 2-Hydroxyethyl methacrylate homopolymer
CN 2-Hydroxyethyl methacrylate polymer
CN Acryester HO homopolymer
CN Benz 38
CN Ethylene glycol monomethacrylate polymer
CN Hydriol 28C
CN Hydrocryl's Soft Liner
CN Hydron Biomedical Polymer N
CN Hydron NCC
CN Hydron S
CN Iogel
CN Light Ester HO homopolymer
CN Mycon-soft lens
CN P 2HEMA
CN PHEMA
CN Poly(.beta.-hydroxyethyl methacrylate)
CN Poly(2-hydroxyethyl methacrylate)
CN Poly(ethylene glycol monomethacrylate)
CN PolyHEMA
CN SC 60B-UV
CN SeeQuence 2
CN Spheron P 100
DR 82601-55-6, 219840-97-8, 329764-01-4
MF (C6 H10 O3)x
CI PMS, COM
PCT Polyacrylic
LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL, VTB

CM 1

CRN 868-77-9
CMF C6 H10 O3



2603 REFERENCES IN FILE CA (1962 TO DATE)
176 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2605 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
CN 2-Propenenitrile, polymer with 1,3-butadiene and ethenylbenzene (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Butadiene, polymer with ethenylbenzene and 2-propenenitrile (9CI)
CN Acrylonitrile, polymer with 1,3-butadiene and styrene (8CI)
CN Benzene, ethenyl-, polymer with 1,3-butadiene and 2-propenenitrile (9CI)
CN Styrene, polymer with acrylonitrile and 1,3-butadiene (8CI)
OTHER NAMES:
CN 06-10A
CN 10JK2
CN 15NP
CN 2020AST
CN 2501K
CN 3001M
CN 301K
CN 342EZ
CN 429J
CN 480S
CN 660SF
CN 88K4
CN 9715A
CN 9738R
CN 9815A
CN A 201
CN A 201 (styrene polymer)
CN A 402
CN A 404
CN A 404 (polymer)
CN **ABS**
CN ABS (polymer)
CN ABS 1
CN ABS 10
CN ABS 12
CN ABS 130
CN ABS 150
CN ABS 170
CN ABS 200NT
CN ABS 2020
CN ABS 2501K
CN ABS 350
CN ABS 4
CN ABS 400
CN ABS 433
CN ABS 55NP
CN ABS 60
CN ABS 900
CN ABS 9815
CN ABS copolymer
CN ABS plastic
CN ABS resin
CN ABS terpolymer
CN ABS-D 100
CN ABS-GR 2000
CN ABS-MO 602L
CN ABS-MO 905L
CN Absolac 100
CN Absolac 200
CN Absolac 300
CN Absolac 800
CN Absolac SP 200
CN Abson
CN Abson 69163

CN Abson 820X14
CN Abson 820X17
CN Abson 821
CN Abson 89110
CN Abson 89120
CN Abson 89131
CN Abson 89140
CN Abson 89151
CN Abson 89163
CN Abson 89171
CN ABSROM
CN Acrylonitrile-1,3-butadiene-styrene copolymer
CN Acrylonitrile-1,3-butadiene-styrene polymer
CN Acrylonitrile-butadiene-styrene copolymer
CN Acrylonitrile-butadiene-styrene copolymer resins
CN Acrylonitrile-butadiene-styrene polymer
CN Acrylonitrile-butadiene-styrene resin
CN Acrylonitrile-butadiene-styrene terpolymer
CN Acrylonitrile-styrene-butadiene resin
CN ADG 21
CN Adion A 100
CN Ameripol 1013
CN Arradur T 334
CN B 200N
CN B 300N
CN B 32
CN B 32 (polymer)
CN B 500N
CN B 501N
CN B 600N
CN B 8EA
CN Blendex
CN Blendex 101
CN Blendex 111
CN Blendex 201
CN Blendex 211
CN Blendex 260
CN Blendex 301
CN Blendex 311
CN Blendex 336
CN Blendex 401
CN Blendex 425
CN Blendex 431
CN Blendex 435
CN BLX 338
CN Bustren AB
CN Butadiene-acrylonitrile-styrene copolymer
CN Butadiene-acrylonitrile-styrene terpolymer
CN Butadiene-styrene-acrylonitrile copolymer
CN BW-Z 44
CN BX 201
CN C 104
CN C 104 (styrene polymer)
CN CE 301
CN Cevian 500
CN Cevian 510
CN Cevian 510SF
CN Cevian 520SF
CN Cevian 660SF
CN Cevian 680SF
CN Cevian 770
CN Cevian DP 611
CN Cevian LMB 191
CN Cevian S

CN Cevian SD
CN Cevian SER 20
CN Cevian V
CN Cevian V 100
CN Cevian V 120
CN Cevian V 20
CN Cevian V 200
CN Cevian V 320
CN Cevian V 320SF
CN Cevian V 410
CN Cevian V 500
CN Cevian V 510
CN Cevian V 510SF
CN Cevian V 610
CN Cevian V 660F
CN Cevian V 660SF
CN Cevian V 680SF
CN Cevian V 720
CN Cevian V-SER 91
CN Cevian V-T 150
CN Cevian VDP 611
CN Cevian VF 191
CN Cevian VG 3000
CN Cevian VH
CN CL
CN CTB 3505
CN Cyclolac UT 20T
CN Cyclone T 1000
CN Cycolac
CN Cycolac 35
CN Cycolac ABS
CN Cycolac ABS 35
CN Cycolac ABS 3540
CN Cycolac ABS Black
CN Cycolac AM
CN Cycolac AM 1000
CN Cycolac AM 1000AS
CN Cycolac AM 1001
CN Cycolac AM 11001
CN Cycolac AR
CN Cycolac AR 3501
CN Cycolac BDT 6500
CN Cycolac CIT 31336
CN Cycolac CL
CN Cycolac CTB
CN Cycolac D
CN Cycolac DFA-R
CN Cycolac DFA-R 1000
CN Cycolac DH 1000
CN Cycolac DSK
CN Cycolac E
CN Cycolac EK 101
CN Cycolac EP 3510
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CN Cycolac EX 101
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CN Cycolac EX 111
CN Cycolac EX 121
CN Cycolac EX 130
CN Cycolac EX 131
CN Cycolac EX 190
CN Cycolac EX 211
CN Cycolac EX 215

CN Cycolac EX 22C
CN Cycolac EX 270
CN Cycolac EX 416
CN Cycolac EX 418
CN Cycolac G-PX 11
CN Cycolac GC-E
CN Cycolac GPM 4700
CN Cycolac GPM 5500-1000
CN Cycolac GPM 5600
CN Cycolac GPP 4600
CN Cycolac GPX 3800
CN Cycolac GS
CN Cycolac GSE
CN Cycolac GSE 1000
CN Cycolac GSE 11001
CN Cycolac GSM
CN Cycolac GSM 1000
CN Cycolac GSM 450
CN Cycolac GT 4502
CN Cycolac H
CN Cycolac HE
CN Cycolac HM
CN Cycolac KA
CN Cycolac KJB
CN Cycolac KJB 91363
CN Cycolac KJB 91364
CN Cycolac KJBE
CN Cycolac KJM
CN Cycolac KJT
CN Cycolac KJU
CN Cycolac KJW 1060
CN Cycolac L
CN Cycolac L 1000
CN Cycolac LA
CN Cycolac LE
CN Cycolac LL
CN Cycolac LM 1101
CN Cycolac LN 11001
CN Cycolac LS 1000
CN Cycolac MS
CN Cycolac R 10
CN Cycolac R 211
CN Cycolac T
CN Cycolac T 10.000
CN Cycolac T 1000
CN Cycolac T 1000-2
CN Cycolac T 1000F
CN Cycolac T 1001
CN Cycolac T 1100
CN Cycolac T 11001
CN Cycolac T 1101
CN Cycolac T 2098
CN Cycolac T 211
CN Cycolac T 35
CN Cycolac TCA
CN Cycolac TD
CN Cycolac TD 1001
CN Cycolac TH Natural NE 05033
CN Cycolac UT 30
CN Cycolac V 502
CN Cycolac VH 30
CN Cycolac VW 20
CN Cycolac X 11-4051
CN Cycolac X 27

CN Cycolac XML
CN Cycolac Y 540A1101
CN D 180
CN Denka ABS-CL
CN Denka ABS-GF
CN Denka ABS-GR 0520G
CN Denka ABS-GR 1000
CN Denka ABS-GR 1000F
CN Denka ABS-GR 2000
CN Denka ABS-GR 3000
CN Denka ABS-GR 3500
CN Denka ABS-GR 4000
CN Denka ABS-GR-GT 4
CN Denka ABS-GTR 40
CN Denka ABS-H
CN Denka ABS-ME
CN Denka ABS-QF
CN Denka ABS-SE 10
CN Denka CL 301Q
CN Denka GR 1000
CN Denka GR 2000
CN Denka GR 3000
CN Denka GR 500A
CN Denka QF
CN Diamond 3501
CN Diamond 7501
CN Diapet 1001
CN Diapet 1002
CN Diapet 100K
CN Diapet 3001G
CN Diapet 3001M
CN Diapet 300M
CN Diapet 3991
CN Diapet 7001
CN Diapet ABS
CN Diapet ABS 1001
CN Diapet ABS 3001M
CN Diapet ABS 7001
CN Diapet ABS Bulksam TM 20
CN Diapet ABS-GH 8
CN Diapet ABS-RSE 7
CN Diapet ABS-SE 3
CN Diapet ABS-SW 3
CN Diapet Bulksam TM 20
CN Diapet Bulksam TM 30
CN Diapet Bulksam TVPG 20
CN Diapet FG 3
CN Diapet GH 9
CN Diapet HF 5
CN Diapet RSE 7
CN Diapet SE 3
CN Diapet SW 3
CN Diapet SW 7
CN Diapet TM 20
CN Diapet TR 2
CN Diapet VP 1
CN Diapet VP 10
CN Diastat ABS
CN Dow 2020
CN Dow 300
CN Dow 440
CN Dow 500
CN Dow 9010
CN DP 10

CN DP 35
CN DP 600
CN DP 600 (polymer)
CN DP 615
CN DPT 611
CN Dralastic
CN Dylel 702
CN E 1000
CN Emiclear S
CN Emuron
CN EPA 3530
CN EPB 3570
CN Estyrene 300
CN Estyrene 360
CN Estyrene 380
CN Estyrene 500
CN Estyrene ABS 10
CN Estyrene ABS 100
CN Estyrene ABS 200
CN Estyrene ABS 300
CN Estyrene ABS 320
CN Estyrene ABS 490
CN ET 70
CN EX 120
CN EX 121
CN EX 15
CN EX 15 (polymer)
CN EX 151
CN EX 152
CN EX 200
CN EX 200 (polymer)
CN EX 205
CN F 5451G30
CN F 5455
CN FN 911
CN Formid ABS 350 Natural
CN Forsan 048
CN Forsan 548
CN Forsan 573
CN Forsan 752
CN Forsan 752E
CN Fujino Spiral VP 10
CN GA 701
CN GA 704
CN GN 095-15-150-2
CN GPM 5500-1000
CN GPM 5500-4500
CN GR 0500
CN GR 1000
CN GR 1000S
CN GR 1500
CN GR 200
CN GR 200 (polymer)
CN GR 2000
CN GR 3000
CN GS 10
CN GS 10 (abs resin)
CN GSE
CN GSE 450
CN GT-R
CN GT-R (polymer)
CN GT-R 10
CN Guadian 620
CN H 100N

CN H 101N
CN H 300L
CN HF 06601
CN HH 7.3
CN HH 7.4
CN HI 100
CN HI 121
CN Hiblen B 202
CN HM 11001
CN HR 101
CN HRG 333
CN HRG 338
CN HRG 360
CN HRG 370
CN HS-N 60AES
CN Hycar 1570X75
CN Hycar 1577
CN Hycar 1877X8
CN IMT 100
CN JSR 10NP
CN JSR 12
CN JSR 15NP
CN JSR 45
CN JSR-AB S55
CN JSR-ABS
CN JSR-ABS 100
CN JSR-ABS 10B
CN JSR-ABS 10NP
CN JSR-ABS 12
CN JSR-ABS 12A
CN JSR-ABS 12NP
CN JSR-ABS 15A
CN JSR-ABS 15NP
CN JSR-ABS 21
CN JSR-ABS 35
CN JSR-ABS 35NP
CN JSR-ABS 38
CN JSR-ABS 38B
CN JSR-ABS 42
CN JSR-ABS 45
CN JSR-ABS 55
CN JSR-ABS 55NP
CN JSR-ABS 57NP
CN JSR-ABS 59
CN JSR-ABS 82
CN JSR-ABS DP 35
CN JSR-ABS NF 94
CN JSR-ABS SZ 15K
CN JSR-ABS XT 09H
CN JSR-ABS XT 400
CN JSR-DP 10
CN JSR-MK 60
CN JSR-NP 10
CN JSR-XT 400
CN K 2938FS
CN K 3272M
CN Kaneace A 10
CN Kaneace MUH
CN Kaneace MUH-E 1500
CN Kaneace MUH-M 3000
CN Kaneace S 10
CN Kaneace SE 60
CN Kaneka MUH 85000H
CN Kaneka MUH-E 1300

CN Kaneka MUHL 9201
CN KJT
CN KM 911M
CN KR 2889
CN Kralastic 2938A
CN Kralastic 2997
CN Kralastic 3100
CN Kralastic 3273
CN Kralastic AN 450
CN Kralastic AP 8
CN Kralastic AP 8A
CN Kralastic GA 501
CN Kralastic GA 704
CN Kralastic K 2938
CN Kralastic K 2938A
CN Kralastic K 3101
CN Kralastic K 3119
CN Kralastic K 3141
CN Kralastic K 3170
CN Kralastic K 3282
CN Kralastic K 3462
CN Kralastic KU 600
CN Kralastic KU 600R3
CN Kralastic KU 650
CN Kralastic KU 670R2
CN Kralastic MH
CN Kralastic MH natural
CN Kralastic MHA
CN Kralastic MLA
CN Kralastic MM 1801
CN Kralastic MTA 1001
CN Kralastic MTH 2
CN Kralastic MVF 1K
CN Kralastic S 3716
CN Kralastic SHF
CN Kralastic SR
CN Kralastic SR 1801
CN Kralastic SRB
CN Kralastic SRE
CN Kralastic SRS
CN Kralastic SXD 220
CN Kralastic W
CN Kralastic W 21
CN Krynac 900X1
CN KU 600
CN Lastilac LV 17
CN LMB 191
CN LNI 210
CN LNI 710
CN Lorkaril JA
CN Lorkaril JCA
CN Lorkaril JTE
CN Lorkaril JTF
CN LRA
CN LRA (ABS polymer)
CN LTP
CN LTP (polymer)
CN Luran KR 2536
CN Lustran 1762
CN Lustran 2000
CN Lustran 220
CN Lustran 240
CN Lustran 246
CN Lustran 248-1002

CN Lustran 252
CN Lustran 266
CN Lustran 400
CN Lustran 420
CN Lustran 440
CN Lustran 440AS
CN Lustran 448
CN Lustran 452
CN Lustran 461
CN Lustran 488
CN Lustran 545
CN Lustran 610
CN Lustran 633
CN Lustran 640
CN Lustran 710
CN Lustran 740
CN Lustran 743
CN Lustran 752
CN Lustran 762
CN Lustran 780
CN Lustran 850
CN Lustran ABS 640
CN Lustran ABS HR 850
CN Lustran HR 850
CN Lustran I 710
CN Lustran I 780
CN Lustran LGA
CN Lustran LGM
CN Lustran LK 153
CN Lustran PG 298
CN Lustran PG 299
CN Lustran Q 714
CN Lustran QE 1088
CN Lustran QE 1455
CN Lustran QE 501
CN Lustran RL 838
CN Lustropack
CN Lustrum
CN M 8801
CN Magicoat TPU
CN Magnex DC
CN Magnum 1150EM
CN Magnum 2020
CN Magnum 213
CN Magnum 2620
CN Magnum 2642
CN Magnum 3153
CN Magnum 334HP
CN Magnum 340
CN Magnum 342EZ
CN Magnum 344
CN Magnum 344HP
CN Magnum 3453
CN Magnum 445HQ
CN Magnum 555-27-7
CN Magnum 9010
CN Magnum 9010NT
CN Magnum 9015
CN Magnum 950
CN Magnum 9555
CN Magnum F 430
CN Magnum PG 914
CN Marbon 26562
CN Marbon 301

CN Marbon 401
CN Marbon E 1000
CN Marbon EPA 3530
CN Marbon TP 2098
CN Marmix 16123
CN MH-MC 4
CN MHB 901BK
CN Miwon 750
CN Mokumekun 7HG0082
CN Mokumekun 7HG0247
CN Monsanto 299
CN Monsanto 440
CN MTH 2
CN MUH-E 1300
CN MVF
CN MVF (styrene polymer)
CN MX 3
CN MX 40
CN MX 40 (styrene polymer)
CN Naugatuck 3168
CN NC 100G30
CN NC 411G30
CN Novodur
CN Novodur H 7004
CN Novodur KL 1-5061
CN Novodur KL 1-5129
CN Novodur KL 1-5202
CN Novodur L 3FR
CN Novodur P 20M
CN Novodur P 25
CN Novodur P 2H
CN Novodur P 2K
CN Novodur P 2L-AT
CN Novodur P 2M
CN Novodur P 2MT
CN Novodur P 2T
CN Novodur P 2T038
CN Novodur P 2X
CN Novodur PH-GV
CN Novodur PK
CN Novodur PKT 2
CN Novodur PM
CN Novodur PM 2C
CN Novodur PM 3
CN Novodur PMT
CN Novodur PVH 002
CN Novodur PVM
CN Novodur PX
CN Novodur PX 792
CN Novodur PX 8
CN NP 10
CN OS 30B
CN Ovodur
CN P 757
CN PA 570
CN PA 709N
CN PA 737
CN PA 747
CN PA 747S
CN PA 750
CN PA 757
CN PA 757Q
CN PA 758
CN PA 768

CN PG 299
CN PG 911
CN PG 912
CN Poly(acrylonitrile butadiene styrene)
CN Polylac 100GP1
CN Polylac 747
CN Polylac 777A
CN Polylac PA 707
CN Polylac PA 709
CN Polylac PA 717C
CN Polylac PA 747
CN Polylac PA 747A
CN Polylac PA 747R
CN Polylac PA 757
CN Polylac PA 777D
CN Polylac PA 777E
CN Polyman M/MI-A
CN Polyman M/MI-GLA
CN Porene MH 1-0105001
CN Porisuren
CN PRA 400
CN PSZ 980WH4
CN Qimei 757
CN Qualiplastic
CN R 102
CN R 103
CN R 103 (polymer)
CN R 260A
CN R 50
CN R 50 (styrene polymer)
CN Ravikral SKJ
CN Rexene 410ESC Natural
CN Rexene 808K
CN Ronafil DSM
CN Ronfalin EST
CN Ronfalin F
CN Ronfalin FG 50
CN Ronfalin FX 50
CN Ronfalin FZ 336
CN Ronfalin MST
CN Ronfalin MT
CN Ronfalin Q
CN Ronfalin SFA
CN Ronfalin SFA 34
CN Ronfalin TZ 220
CN Ronfalin TZ 230
CN Ronfalin VE 30
CN Royalite 20
CN RS 800
CN S 2331
CN S 3702
CN S 3716
CN SAN 580
CN Santac BT 60
CN Santac ET 70
CN Santac ET 70N
CN Santac GT 10
CN Santac GT 12
CN Santac GT 15
CN Santac MR 40
CN Santac MT 81
CN Santac RT 26
CN Santac ST 30
CN Santac ST 30B

CN Santac ST 42
CN Santac ST 55
CN Santac UT 60B
CN Santac UT 62
CN Sconater
CN Sconater 342CA
CN Sconater 3Sw
CN Sconater 442MA
CN Sconater 442ML
CN SE 10
CN SE 100
CN SE 100 (polymer)
CN SER 90
CN Seventak 5990
CN Seventak 5993
CN Shinkolac ABS-HF 3
CN Sicoflex 85
CN Sicoflex S 160
CN Sinkral B 32
CN Sinkral M 122
CN Sinkral X 2002M
CN SKD 220
CN SN 335
CN SNB 1010
CN SNK
CN SNK 2
CN SNP 85
CN SNX 4831
CN SR 1594
CN SR Natural SR
CN SRA-BOOB
CN SRE
CN SRE Natural
CN ST 30
CN Starex
CN Stylac 100
CN Stylac 101
CN Stylac 120
CN Stylac 120B
CN Stylac 121
CN Stylac 172
CN Stylac 180
CN Stylac 181
CN Stylac 181H
CN Stylac 182
CN Stylac 183
CN Stylac 190
CN Stylac 190F
CN Stylac 191
CN Stylac 191F
CN Stylac 200
CN Stylac 220
CN Stylac 220B
CN Stylac 283
CN Stylac 301
CN Stylac 3941
CN Stylac 6920
CN Stylac 7220
CN Stylac 783
CN Stylac A 3941
CN Stylac A 4081
CN Stylac A 4130
CN Stylac A 5423
CN Stylac A 5731

CN Stylac A 6450
CN Stylac A 6490
CN Stylac A 7970
CN Stylac ABS
CN Stylac ABS 100
CN Stylac ABS 101
CN Stylac ABS 121
CN Stylac ABS 180
CN Stylac ABS 181
CN Stylac ABS 182
CN Stylac ABS 183
CN Stylac ABS 190
CN Stylac ABS 190F
CN Stylac ABS 191
CN Stylac ABS 191F
CN Stylac ABS 200
CN Stylac ABS 220B
CN Stylac ABS 283
CN Stylac ABS 301
CN Stylac ABS 321
CN Stylac ABS 6920
CN Stylac ABS-A 4130
CN Stylac ABS-A 4593
CN Stylac ABS-A 5423
CN Stylac ABS-A 5731
CN Stylac ABS-A 5761
CN Stylac ABS-A 6450
CN Stylac ABS-A 6490
CN Stylac ABS-AT 10
CN Stylac ABS-ID 32F
CN Stylac ABS-IM 15
CN Stylac ABS-IM 20
CN Stylac ABS-IM 30
CN Stylac ABS-R 220A
CN Stylac ABS-R 240A
CN Stylac ABS-R 260A
CN Stylac ABS-VA 20
CN Stylac ABS-VA 502
CN Stylac ABS-VA 507
CN Stylac ABS-VA 51
CN Stylac ABS-VA 58
CN Stylac AT 15
CN Stylac GER 220A
CN Stylac GF-R 240A
CN Stylac ID 32F
CN Stylac IM 15
CN Stylac IM 20
CN Stylac IM 30
CN Stylac T 8402
CN Stylac VA 502
CN Stylac VA 58
CN Stylac XA 6705
CN Styrene-acrylonitrile-butadiene copolymer
CN Styrene-acrylonitrile-butadiene polymer
CN Styrene-acrylonitrile-butadiene resin
CN Styrene-acrylonitrile-butadiene terpolymer
CN Styrene-butadiene-acrylonitrile copolymer
CN Sumirois I
CN Sunloid Bip PRP 800A
CN Sunloid Taface
CN Sunloid Taface R
CN SWR 1
CN SXD 220
CN SXG 205AH318

CN Sz NP
CN T 100
CN T 2908
CN T 4500
CN T 470
CN T 470 (styrene polymer)
CN T 500
CN TA 3000H
CN Taitalac 5000S
CN Taitalac 8000
CN Taitalac GP 6000
CN TD 1001
CN Techno 330
CN Techno ABS 130
CN Techno ABS 130NP
CN Techno ABS 150
CN Techno ABS 170
CN Techno ABS 330
CN Techno ABS 350
CN Techno ABS 400
CN Techno ABS 430
CN Techno ABS 545
CN Techno ABS 830
CN Techno ABS F 5455
CN Techno ABS NC 119
CN Techno ABS YT 683
CN Technopolymer 170
CN Terez 3010
CN Terluran
CN Terluran 211132
CN Terluran 828P
CN Terluran 846L
CN Terluran 84BS
CN Terluran 876O
CN Terluran 877
CN Terluran 877M
CN Terluran 877T
CN Terluran 958I
CN Terluran 967
CN Terluran 967K
CN Terluran 968SM
CN Terluran 969K
CN Terluran 969T
CN Terluran 99S
CN Terluran EGP 7
CN Terluran GP 35
CN Terluran KR 2802/2
CN Terluran KR 2876/1
CN Terluran KR 2889
CN Terluran VLD
CN Terlux 2802TR
CN TF 60
CN TF 60 (acrylic polymer)
CN TFX 210
CN TFX 255
CN TFX 410
CN TFX 450
CN TFX 650
CN TFX 710
CN TM 20B
CN Topmagicoat
CN Toyolac 100
CN Toyolac 100-322
CN Toyolac 220

CN Toyolac 250
CN Toyolac 300
CN Toyolac 400
CN Toyolac 441
CN Toyolac 470Y
CN Toyolac 700
CN Toyolac 700X01
CN Toyolac 900/110
CN Toyolac 9000
CN Toyolac 920
CN Toyolac 920-319
CN Toyolac 930
CN Toyolac A 360
CN Toyolac ABS 700
CN Toyolac Parel
CN Toyolac Parel TP 10
CN Toyolac Parel TP-D 25
CN Toyolac T 100
CN Toyolac TH 10
CN TP 2098
CN TR 7
CN TR 7 (polymer)
CN TRB
CN TS 20
CN TS 20 (styrene polymer)
CN Tuflex YT 346
CN Tufrex
CN Tufrex 157
CN Tufrex 21
CN Tufrex 210
CN Tufrex 210EB
CN Tufrex 220
CN Tufrex 410
CN Tufrex 410CB
CN Tufrex 410EB
CN Tufrex 450
CN Tufrex 450B
CN Tufrex 461
CN Tufrex 470
CN Tufrex 610
CN Tufrex 710
CN Tufrex 761
CN Tufrex N 710
CN Tufrex TFX 110
CN Tufrex TFX 210
CN Tufrex TFX 220
CN Tufrex TFX 410
CN Tufrex TFX 420
CN Tufrex TFX 450
CN Tufrex TFX 461
CN Tufrex TFX 610
CN Tufrex TFX 650
CN Tufrex TFX-SH
CN Tufrex TXF 20
CN Tufrex YT 212
CN Tufrex YT 410
CN Tufrex YT 645
CN Tufrex YT 735
CN TXF 20
CN Tybrene
CN Tybrene 217
CN Tybrene 27
CN Tybrene 500
CN Tylac 68833

CN Ugikral
CN Ugikral RA
CN Ugikral RB
CN Ugikral SE
CN Ugikral SN
CN UL 94V-O
CN Urtal 1223
CN UT 10
CN UT 20B
CN UT 30B
CN UX 050
CN UXO 50
CN V 500
CN V 660SF
CN VA 502
CN Vitax V 1100
CN Vulkide A
CN VW 10
CN Weld On 1707
CN Wilsonart Pro FX
CN WR-DA
CN XP 71501
CN XU 74050.00
CN Y 540A
CN Y 637
CN Y 672B
CN YM 254
CN ZB 77

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     (FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT,
     ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS,
     CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2,
     DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIOBASE, ...' ENTERED AT 13:43:43 ON
     10 APR 2003)
                DEL HIS
L1          567 SEA (MICROENCAPSUL? OR ENCAPSUL? OR COAT?) (5A) (ZEOLIT?) AND
                SILVER
L2          504 DUP REM L1 (63 DUPLICATES REMOVED)
                D 1-504
                D 437 IALL
L3          227 SEA L2 AND POLYMER?
                D 1-227
                D 209 KWIC
                D 153 KWIC
                D 143 KWIC
                D 143 IALL
                D 109 IALL
                D 99 IALL
                D 98 IALL
                D 97 IALL
                D 96 IALL
                D 89 IALL
                D 1-89
                D 81 IALL
                D 80 IALL
                D 79 IALL
                D 75 IALL
                D 73 IALL
                D 70 IALL
                D 64 IALL
                D 63 IALL
                D 55 IALL
                D 44 IALL
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